PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

December 23, 2003

10/743,384

Complete If Known

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Number

Filing Date

Stitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of | 1

| ICANT | First Named Inventor | Richard E. Rothman, et al. |
|-------|----------------------|----------------------------|
| | Art Unit | 1637 |
| sary) | Examiner Name | TBA |
| | | |

Attorney Docket Number 001107.00412

| | | | U.S. PATENT (| DOCUMENTS | |
|----------------------|--------------------------|---|-----------------------------|--|--|
| Examiner Initials | Cite No. ¹ | Document Number Number - Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant |
| | | | | | Figures Appear |
| <u> </u> | | US- 2004/0072242 | 04/15/2004 | Hunter, et al. | |
| | | US- | | | |
| | | US- | | | |

| | FOREIGN PATENT DOCUMENTS | | | | | | |
|-----------|--------------------------|---|--------------------|--------------------------------|--|------------|--|
| Examiner | aminer Cite | Foreign Patent Document | Publication | Name of Patentee or | Pages, Columns, Lines, | | |
| Initials* | No.1 | Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | Date MM-DD-YYYY | Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | ⊤ ⁴ | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Examiner Signature | "un Hora | Date Considered | 7/31/ | 2006 |
|-----------------------|----------|-----------------|-------|------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through distion if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspio.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form ant/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
INFORMATION DISOLOSO

STATEMENT BY

AUG 0 9 2005

(use as many sheets as necessary)
Sheet 1 1 1

| | Complete if Known | |
|------------------------|-------------------|--|
| Application Number | 10/743,384 | |
| Filing Date | December 23, 2003 | |
| First Named Inventor | Richard Rothman | |
| Group Art Unit | 1637 | |
| Examiner Name | TBA | |
| Attorney Docket Number | 001107.00412 | |

| | | • | U.S. PATENT (| DOCUMENTS | |
|---------------------|---------------|---|--------------------------------|--|---|
| Examiner Initials * | Cite No. | Document Number Number - Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentse or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appoar |
| | | 4,851,330 | 07/25/1989 | Kohne | |
| | | 5,288,611 | 02/22/1994 | Kohne | |
| TW | 1 | 5,723,597 | 03/31/1998 | Kohne | |
| | | 5,738,988 | 04/14/1998 | Kohne | |
| X | | 5,641,632 | 06/24/1997 | Kohne | |
| | | 5,714,324 | 02/03/1998 | Kohne | |
| | \mathcal{T} | 5,567,587 | 10/22/1996 | Kohne | |
| | | 5,601,984 | 02/11/1997 | Kohne | |
| 7 | 7 | 5,641,631 | 06/24/1997 | Kohne | |
| X-1-X | | 5,688,645 | 11/18/1997 | Kohne | |
| | | 6,699,670 | 03/02/2004 | Rothman | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| - | | FOREIGN | PATENT DOCU | MENTS | | |
|-----------------|---------------|--------------|-----------------------------------|---|---|--|
| Cite No.1 | Foreign Paten | t Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | ۲° |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | - |
| $f \rightarrow$ | | LANG | | | 4/1/2/ | |
| | No.1 | Cite No.1 | Cite No.1 Foreign Patent Document | Cite No.1 Foreign Patent Document Publication Date MM-DD-YYYY | Cite No.1 Publication Date Applicant of Cited Document MM-DD-YYYY Applicant of Cited Document | Cite No. 1 Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document Place or Applicant of Cited Document Place or Relevant Figures Appear |

EXAMINEA: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

| Substitu | te for form 1449A/PT | 0 | - | | Complete if Known | |
|-----------------------------------|----------------------|-------|----------|------------------------|-------------------|--|
| INFO | DRMATION | DIS | CLOSURE | Application Number | TBA | |
| | | | PPLICANT | Filing Date | Herewith | |
| 317 | | , i A | LIOAN | First Named Inventor | Richard Rothman | |
| • | | | | Group Art Unit | TBA | |
| (use as many sheets as necessary) | | | | Examiner Name | TBA | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 001107 00412 | |

| | <u> </u> | | U.S. PATENT D | OCUMENTS | |
|----------------------|-------------|---|--------------------------------|--|---|
| Examiner Initials | Cite No. | Document Number Number - Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | 5,851,767 | 12-22-1998 | Stanbridge et al | |
| | ? | 6,251,660 | 06-26-2001 | Muir et al | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | <u> </u> | | | | |
| | ļ | | <u> </u> | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | 1 | | i | | ļ |

| | | FOREIGN | PATENT DOCU | MENTS | | |
|-----------------------|--------------|-------------------------|-----------------------------|---|--|----------------|
| Examiner Initials* | Cite No.' | Foreign Patent Document | Publication Date MM-OD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | / | | |

Examiner Signature Date Considered 7/3/2006

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional) .² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
¹ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B(10-01)
Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO Complete if Known TBA **Application Number** INFORMATION DISCLOSURE Filing Date Herewith STATEMENT BY APPLICANT First Named Inventor Richard Rothman TBA Group Art Unit (use as many sheets as necessary) TBA **Examiner Name** of 2 001107.00412 Sheet **Attorney Docket Number**

| | | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS | |
|--------------------------|--------------------------------|---|------------|
| Examiner Initials * | Cite No.¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
| | | CORLESS ET AL, Journal of Clinical Microbiology, Vol. 38(5) pp. 1747-1752 (2000) | |
| |) | BERGERON ET AL, The New England Journal of Medicine, Vol. 343(3), pp. 175-179 (2000) | |
| A |) | SEN et al, Transfusion, Vol. 41, pp. 1356-1364, (2001) | |
| | | GREISEN et al., Journal of Clinical Microbiology, pp. 335-351, Vol. 32(2), (February 1994) | |
| 6 | | KOSTRIKIS et al., Science, Vol. 279, pp. 1228-1229, (February 1998) | |
| (A) | | LU et al., Journal of Clinical Microbiology, Vol. 38, No. 36, pp. 2076-2080, (June 2000) | |
| (W) | | LUDW/G, W., Database GenBank, Accession No. X87272, (January 1996) | |
| Ch | | YANAGI, et al., Database GenBank, Accession No. D12781, (February 1999) | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | · | |
| | | | |
| | | | |
| | | | |
| Examiner Signature | | Date Sonsidered 73/200 | D |
| EXAMINER: Institution to | al d'reference : applicant, | considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered, include copy of this follows | milih mezd |

Unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, OC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, OC 20231.